

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number
WO 03/103093 A1

(51) International Patent Classification⁷: **H01R 4/24**

(21) International Application Number: PCT/US03/17045

(22) International Filing Date: 30 May 2003 (30.05.2003)

(25) Filing Language: English

(26) **Publication Language:** English

(30) Priority Data:

2002-160194	31 May 2002 (31.05.2002)	JP
2003-040702	19 February 2003 (19.02.2003)	JP

5-chome, Fujisawa-shi, Kanagawa, 252-0804 (JP). **ODA, Toshiya** [JP/JP]; 5-4 Apt.#110 Fukamidai 3-chome, Yamoto-shi, Kanagawa, 242-0013 (JP). **YOSHIDA, Norio** [JP/JP]; 17-4 Apt.#301 Chuo-Rinkan 4-chome, Yamato-shi, Kanagawa, 242-0007 (JP).

(74) Agent: PAULIUS, Thomas D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) Designated States (national): CN, KR, US.

(84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(71) **Applicant** (for all designated States except US): **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

Published:

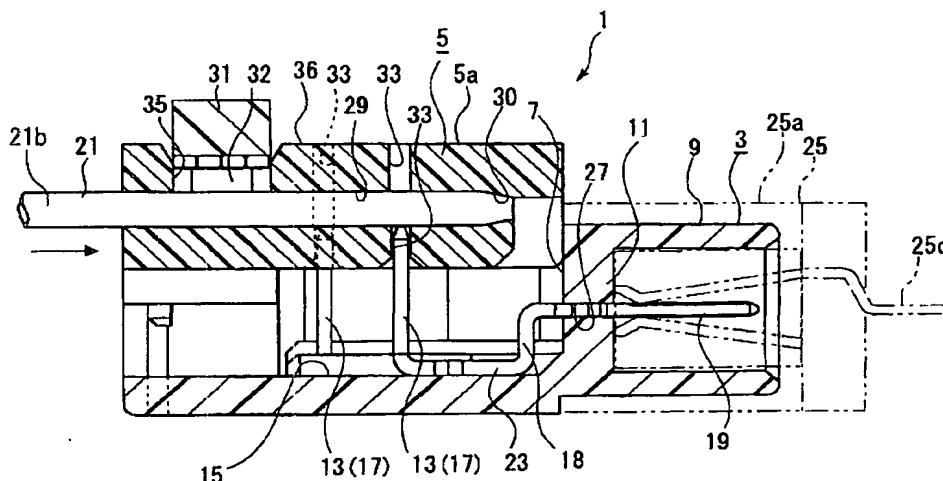
- with international search report
- with amended claims

(72) Inventors; and

(75) **Inventors/Applicants (for US only):** NAKANO, Tomohiro [JP/JP]; 5-11, Shonan-Nine #103, Shonan-dai

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INSULATION DISPLACEMENT CONNECTOR



(57) **Abstract:** An IDT connector (1) is provided which includes: a base housing (3) having a terminal (19) to which a wire (21) is press-fit; a cover housing (5) mounted to the base housing (3) and having a wire insertion hole (29) into which the wire (21) is inserted; a wire holder (31) which is provided to the cover housing, for pressing the wire that is to be press-fitted to the terminal; and an IDT contact slot extending orthogonal to the wire insertion hole and formed adjacent to the wire holder with respect to the longitudinal direction of the wire insertion hole.